

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-13 (cancelled).

14. (Currently Amended) A hand-held locating device for detecting an object enclosed in a medium, comprising:

a housing having an opening penetrating therethrough, the opening configured to accommodate a device for marking a surface of the medium;

at least one sensor system positioned in the housing; and

at least one light source provided in the measuring device configured to illuminate the opening.

15. (Previously Presented) The locating device as recited in claim 14, wherein the sensor system has at least one inductive sensor for locating purposes.

16. (Previously Presented) The locating device as recited in claim 15, the inductive sensor includes a coil, the opening being oriented concentrically in relation to the coil of the inductive sensor.

17. (Previously Presented) The locating device as recited in claim 14, wherein the sensor system includes at least one capacitive sensor.

18. (Previously Presented) The locating device as recited in claim 14, wherein the opening is formed by a sleeve, the light source configured to illuminate the sleeve.

19. (Previously Presented) The locating device as recited in claim 18, wherein the sleeve is made of an at least partially transparent plastic.

20. (Previously Presented) The locating device as recited in claim 18, wherein the sleeve is configured to scatter light diffusively.

21. (Previously Presented) The locating device as recited in claim 14, the opening is illuminated with a color-coded light signal.

22. (Previously Presented) The locating device as recited in claim 21, wherein the opening is illuminable in at least two different colors.

23. (Previously Presented) The locating device as recited in claim 14, wherein the opening is variably illuminated as a function of a measuring signal of at least one sensor.

24. (Previously Presented) The locating device as recited in claim 14, wherein the light source includes a plurality of light sources.

25. (Previously Presented) The locating device as recited in claim 14, wherein the at least one light source is a light-emitting diode (LED).

26. (Previously Presented) The locating device as recited in claim 14, further comprising:
a sealing device which allows the opening to be sealed as a function of a measuring signal of at least one sensor.